

CME Project: Algebra 1 Student Edition

Focus on developing students' Habits of Mind - ways students approach and solve mathematical challenges. Includes arithmetic to algebra, expressions and equations, graphs, lines, introduction to functions, exponents and radicals, polynomials, quadratics.

Teacher Edition	
0133500217	\$91.97
CME Project: Algebra 1 Teacher's Edition	
Essential Items	
Ancillary Items	
Free with Purchase items	
0130380598	Classroom Performance System Clickers
Free with the purchase of 250 Student Editions, 1st year only, maximum 1 per school for all Pearson	
0130380601	CME Project: Algebra 1 - Computer Projector
Choice of Print or Tech Resources: Technology Resources - Select one of three: Laptop or Computer	
0130381101	CME Project: Algebra 1 - Interactive Whiteboard System
Choice of Print or Tech Resources: Technology Resources - Select one of three: Laptop or Computer	
0130381152	CME Project: Algebra 1 - Laptop
Choice of Print or Tech Resources: Technology Resources - Select one of three: Laptop or Computer	
0132031175	CME Project: Algebra 1 - Student Edition Class Set \$68.97
Choice of One of the Following Three: Class Set of Student Editions OR Scanner Scoring System OR	
0133644189	CME Project: Algebra 1 - Teaching Resource Pack \$404.47
Free upon request, 1 per Teacher User, with a minimum purchase of 25 Student Editions	
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Free upon request, 1 per Teacher User, with a minimum purchase of 25 Student Editions	
0133644608	CME Project: Algebra 1 - Additional Practice Workbook \$4.47
Choice of Print or Tech Resources: Print Resources - Choice of One - Select one of two workbooks for	
0133662608	CME Project: Algebra 1 - Teacher Online Access Pack \$299.97
Free upon request, 1 per Teacher User, with a minimum purchase of 25 Student Editions	
0133662721	CME Project: Algebra 1 - Electronic Text 6-year Online Access \$69.97
Free upon request, 1 per Student Edition purchased	
0133685772	CME Project: Algebra 1 - Kentucky Test Prep Workbook \$3.47
Free upon request, 1 per Teacher User, with a minimum purchase of 25 Student Editions	
0133685772	CME Project: Algebra 1 - Kentucky Test Prep Workbook \$3.47
Choice of Print or Tech Resources: Print Resources - Choice of One - Select one of two workbooks for	
013366256X	CME Project: Algebra 1 - StudentEXPRESS CD-ROM \$69.97
Free upon request, 1 per 4 Student Editions purchased	
013890135X	CME Project: Algebra 1 - Success Tracker 6-year Online Access \$19.00
Free upon request, 1 per Student, with a minimum purchase of 25 Student Editions	
SCANNER2008	Scanner Scoring System
One free for every 250 Student Editions purchased, 1st year only, maximum 3 per school OR	

Contract Price

\$69.97

Grade

8, 9, 10, 11, 12

TYPE

P1

Copyright

2009

AuthorCenter for Mathematics
Education et al.Edition

1st

Content

Algebra 1

Readability

880L

Accessibility

Nimas

Researchhttp://main.edc.
org/Search/viewProject
.asp?projectID=3295

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN 0132031175		Publisher - Pearson Education, Inc., publishing as Prentice Hall		Provided by the Publisher
	CME Project: Algebra 1 Student Edition				
	Type - P1	Author - Center for Mathematics Education et al.			
	Copyright - 2009	Edition - 1st	Readability - 880L		
	Course - Algebra 1		Grade(s) - 8, 9, 10, 11, 12		
	Teacher Edition ISBN if applicable0133500217				

Overall Recommendation:

Recommended as BASAL

Overall Strengths, Weaknesses, Comments:

if this box is not checked, the evaluators have
chosen NOT recommend as basal

Text has excellent real life application
Lacks a variety of problem levels

NIMAC Accessibility N
Ancillary No
Free with Purchase Yes
Research Yes <http://main.edc.org/Search/viewProject.asp?projectID=3295>

Focus on developing students' Habits of Mind - ways students approach and solve mathematical challenges. Includes arithmetic to algebra, expressions and equations, graphs, lines, introduction to functions, exponents and radicals, polynomials, quadratics.

CRITERIA

This basal resource ...

A. Encompasses KY Content Standards & Grade Level Expectations Moderate Evidence

Text is designed to be used in an elective course outside the Program of Studies

1) Includes the 5 Big Ideas of mathematics to the following extent:

- | | |
|--------------------------------------------|-------------------|
| a) Number Properties and Operations | Strong Evidence |
| b) Measurement | Not Applicable |
| c) Geometry | Not Applicable |
| d) Data Analysis and Probability | Moderate Evidence |
| e) Algebraic Thinking | Strong Evidence |

2) Addresses content-specific enduring understandings from the related Program of Studies standards.

Strong Evidence

3) Addresses content-specific skills and concepts from the related Program of Studies standards.

Strong Evidence

4) Content addressed is current, relevant and non-trivial	Strong Evidence
5) Provides opportunities for critical thinking/reasoning	Moderate Evidence
6) Strengths, Weaknesses, Comments: <ul style="list-style-type: none"> • Specific strengths-which areas/concepts are covered exceptionally well? • Specific weaknesses-which areas/concepts would likely require supplementing? <p>Strengths Has review activities throughout Content is current Has good scaffolded questions Weaknesses</p>	

B. Functionality & Suitability	Moderate Evidence
1) Suitability	Moderate Evidence
<ul style="list-style-type: none"> • Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind. 	
2) Content quality	Strong Evidence
<ul style="list-style-type: none"> • Free from factual errors • Content is presented conceptually when possible—more than a mere collection of facts • Content included accurately represents the knowledge base of the discipline • Theories/scientific models contained represent a broad consensus of the scientific community • Interconnections among mathematical topics 	
3) Connections to Literacy	Strong Evidence
<ul style="list-style-type: none"> • Employs a variety of reading levels and is grade/level appropriate • Use of multiple representations-concrete, visual/spatial, graphs, charts, etc. • Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles. • Student text provides opportunity to integrate reading and writing • Uses vocabulary that is age and content appropriate • Focuses on critical vocabulary vs. extensive lists • Identifies key vocabulary through definitions in both text and glossary • The text is engaging and facilitates learning • Embedded activities enhance the understanding of the text <p><i>Note: may apply to either student or teacher editions</i></p>	
4) Connections to Technology	Moderate Evidence
<ul style="list-style-type: none"> • Integrates technology and reflects the impact of technological advances • Uses technology in the collection and/or manipulation of authentic data • Embeds web links as a mathematics resource. 	
5) Support for Diverse Learners	Little or No Evidence

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

Note: may apply to either student or teacher editions

6) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Strengths

Excellent visual representation

Text is found to be engaging

Weaknesses

Lacks support for diverse learners

Lacks challenges for the gifted and talented students

C. Supports Inquiry and Skill Development	Moderate Evidence
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1) Promotes Inquiry, research and Application of Learning

Moderate Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

Note: may apply to either teacher or student edition

2) Skill Development

Moderate Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

Strengths

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

A variety of charts, graphs, etc.
Opportunities for communicating results
Weaknesses

D. Supports Best Practices of Teaching and Learning	Moderate Evidence
<p>1) Engages Students</p> <p>Strong Evidence</p> <ul style="list-style-type: none"> Includes content geared to the needs, interests, and abilities of all students Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering. Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels Activities are truly congruent to the concepts addressed, not merely correlated <p><i>Note: may apply to either teacher or student edition</i></p>	
<p>2) Uses Assessment to Inform Instruction</p> <p>Moderate Evidence</p> <ul style="list-style-type: none"> Includes multiple means of assessment as an integral part of instruction Provides evaluation measures in the teacher edition that supports differentiated learning activities Embedded assessments reflect a variety of Depth of Knowledge levels <p><i>Note: may apply to either teacher or student edition</i></p>	
<p>3) Strengths, Weaknesses, Comments:</p> <ul style="list-style-type: none"> Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards <p>Strengths Real life examples Weaknesses Lacks DOK levels</p>	
E. Has an Organization/ Format that Supports Learning and Teaching	Moderate Evidence
<p>1) Organizational Quality</p> <p>Moderate Evidence</p> <ul style="list-style-type: none"> Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations. Presents chapters/lessons in an organized and logical sequence Provides clearly stated objectives for each lesson. Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability. Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards. 	

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Mathematics (2009 – 2015)

- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text)

Choose an item.

- Items identified as essential components support the learning goals and concept coverage of the basal

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Strengths

Clear illustrations

Weaknesses

No essential components

F. Has available Ancillary/ Gratis Materials

Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

Little or No Evidence

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

2) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Has a practice workbook
